

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	53090	(separator or separation) with (centrifugal or cyclone or cyclonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:32
L3	37479	(vane or vanes) with plurality	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:33
L4	422	3 same 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:33
L5	126	(stages or regions) and 4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:36
L6	1411	3 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:44
L7	16	6 and 55/343. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:44
L10	149	serial and 4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:49
L11	36297	(separator or separation) with centrifugal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:50
L12	1489	(vane or vanes) same 11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:51

L13	556	(stage or stages or regions) and 12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:51
L14	18	12 and 55/343. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:52
L15	27	12 and 55/345. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:52
L16	206	(stage or stages or regions) same 12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 08:55
L17	4026	vortex with (separator or separation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 09:00
L18	420	(vane or vanes) same 17	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 09:00
L26	605	precleaner or "pre-cleaner"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 11:12
L27	22	26 and 17	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 11:12
L35	140	cyclones with axial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 11:18
L37	116	array same 11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 11:23
L38	2420	vortex with tubes	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:30

L39	53	array same 38	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:30
L42	43	((array or group) same (separator or separators or separation)) and (55/457.ccls. or 55/396.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:41
L44	10781	(array or group) same (vortex ow swirl or swirling)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:46
L45	809	(separator or separators or separation) same 44	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:47
L46	206	(centrifugal or cyclone) and 45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:47
L47	45	17 and 55/396. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:52
L48	86	(55/dig.14). CCLS.	US-PGPUB; USPAT	OR	OFF	2010/02/01 13:53
L49	1530	inertial with (separator or separators or separation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:56
L50	27	array same 49	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:56
L51	12342	(stages or regions) and 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:58
L52	17515	(stage or stages) and 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:59

L53	5220	(stage or stages) same 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:59
L54	5758	plurality same 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 13:59
L55	1942	(stage or stages) and 54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 14:00
L56	185	(module or modules) and 54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/01 14:00

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